

October 15, 2004

The City of Beaufort is soliciting bids for a 2005 Conventional Cab Truck, 30 cubic yard sani-packer, and semi-automatic sanitation truck dumping device.. This vehicle will be used in conjunction with a 30 cubic yard rear-load Sanitation Packer (GVW approximately 13,000 pounds), and a Semi-Automatic Sanitation Truck Dumping Device. This vehicle will be part of the Municipal Solid Waste Collection Fleet.

Bids must be received at:

**CITY OF BEAUFORT
ATTN: PUBLIC WORKS DEPARTMENT
302 CARTERET STREET
POST OFFICE DRAWER 1167
BEAUFORT, SOUTH CAROLINA 29901
By 2:00 p.m., November 22, 2004**

Bid opening will be at 3:00 p.m., November 22, 2004 in the meeting room at the Public Works Complex, 16 Burton Hill Road, Beaufort, South Carolina 29906.

All bid envelopes must be sealed and marked "**SEALED BID - SANITATION TRUCK**" in the lower left corner of the envelope.

All vehicles shall be manufactured by U.S. automobile Manufacturers only, meet all current E.P.A. Emission Standards and all Motor Vehicle Safety Standards as established by the U.S. Department of Transportation regarding the manufacture of motor vehicles. Specifications may be picked up at the Public Works Department at 16 Burton Hill Road, Beaufort. SC.

Any questions concerning this solicitation of bid, or request for specifications, should be directed to Mr. Isiah Smalls, Public Works Director, at (843) 525-7054.

SPECIFICATIONS FOR CONVENTIONAL CAB TRUCK

Bidders wishing to submit specifications that vary from those listed may do so with an explanation of comparable change, which must exceed the minimum specification listed.

- 1) A conventional cab (cab and chassis) truck, with no less than 240 Horsepower/Diesel Engine at 2200 R.P.M.
- 2) Transmission equivalent to, or better quality than, an Allison (MT-653, 5 speed/auto)
- 3) 12,000 pound front axle
- 4) 40,000 pound dual rear axle (minimum axle ratio 5.29)
- 5) Traction lock rear axle
- 6) Auto slack adjuster
- 7) Front "S" cam brakes
- 8) 10:00 - 20 Multi-ply tires, and 10:00 - 20 spare
- 9) Anti-skid entry step
- 10) Custom cab - white exterior
- 11) West coast mirrors with smaller convex mirror (6" x 16")
- 12) Chassis length - cab to tandem 186 inch (minimum)
- 13) Full size vinyl bench seat
- 14) 50 gallon fuel tank (minimum)
- 15) Color: Bright white acrylic
- 16) Air powered rear braking system
- 17) Gross vehicle weight minimum GVW 50,000 or GVW applicable to desired work scope with straight frame
- 18) Gauges (fuel, air pressure, tach, oil temp/pressure, any and all gauges applicable to the safe operation/maintenance of the vehicle)
- 19) Power/power assisted steering
- 20) Bid must include any cost that may be associated with packer-fitting, and site delivery
- 21) Full variable speed governor
- 22) Heavy duty air cleaner
- 23) Alternator (75 amp minimum)
- 24) Heavy duty fan and radiator
- 25) Front suspension 6,000 pounds per side at ground
- 26) Steel cast spoke wheels 29" x 8"
- 27) Delivery time must be indicated, then adhered to
- 28) Conventional tilt hood
- 29) Dual windshield wipers
- 30) Adjustable side windows with lock
- 31) Cab insulation, noise control to meet federal regulations
- 32) Cab entry grab handles
- 33) Cab dome light
- 34) Engine alarm system for high temperatures
- 35) Air conditioner
- 36) Engine alarm system for low oil pressure

SPECIFICATIONS FOR
30 CUBIC YARD, REAR-LOAD SANITATION PACKER

Bidders wishing to submit specifications that vary from those listed may do so with an explanation of comparable change, which must exceed the minimum specification listed.

- 1) 30 cubic yard packer - rear load
- 2) Body side walls - 11 gauge
- 3) Body roof - 11 gauge
- 4) Body floor - 10 gauge
- 5) Ejection panel - 10 gauge
- 6) Ejection panel guides - 6 gauge
- 7) Hopper sidewalls - 3/16 inch
- 8) Hopper floors - ¼ inch
- 9) Sweep/pack blade - ¼ inch
- 10) Hopper capacity - 2.8 cubic yards
- 11) Hopper loading width - 76 inch
- 12) Packing cylinders - sufficient for high density compression
- 13) Sweep cylinders - sufficient for high density compression
- 14) Ejection cylinders - sufficient for high density compression
- 15) Tail gate lift cylinders
- 16) Oil reservoir - 49 gals
- 17) 48 GPM pump
- 18) Four to one burst hoses
- 19) Packing operating pressure - 1,600 PSI
- 20) Primary operating pressure - 2,000 PSI
- 21) Complete packing cycle -- 20-30 sec
- 22) Packing force - 62,000 pounds (minimum)
- 23) "L" shaped skid resistant rear steps and hand rail. (Step should extend 15 inches out from hopper, 24 inches from either end of hopper towards center, and 12 inches wrap-around curb and street side)
- 24) Manual tailgate locks
- 25) All appropriate rear mounted lights and reflectors
- 26) Dual - left and right sides -rear mounted strobe lights
- 27) Automatic/electric back-up warning alarm
- 28) Packer controls - positive lever type, split cycle with automatically activated throttle (curbside)
- 29) Ejection and tailgate lift controls - positive lever type with manual activated throttle (street side)
- 30) Buzzer system to cab from tailgate (curbside)
- 31) Hydraulic fluid reservoir - 49 gal minimum with oil level sight gauge
- 32) 50 GPM filter
- 33) Color - ORANGE
- 34) PTO
- 35) Retro-reflective safety striping on full perimeter of hopper (black/yellow) or (red/white)

SPECIFICATIONS FOR
SEMI-AUTOMATIC SANITATION TRUCK DUMPING DEVICE

Bidders wishing to submit specifications that vary from those listed may do so with an explanation of comparable change, which must exceed the minimum specification listed.

As a separate cost to your Bid, please submit the cost of retrofitting a dumping device capable of independent or simultaneous dumping. The device must be cable of dumping 90, 65, and 40 gallon Zarn Roll Carts.

Independent dumpers should have a minimum of 350 pounds dumping capacity and simultaneous units a 700 pound minimum dumping capacity.

Units must be durable and life expectancy indicated.

Units should be quoted independent of the truck/packer costs, and must include ALL installation Costs.

Bid winner must provide warrantee, maintenance, and repairs for a minimum of two (2) years.

Proposals must be received by Monday, November 22, 2004.

If there are any questions regarding this request, please contact Isiah Smalls, Public Works Director at (843) 525-7054.

IS/clS